

NOV. 17 1981

Ms. Mary Lou Austin
Enforcement Section
Louisiana Department of Natural
Resources
P. O. Box 44066
Baton Rouge, Louisiana 70804

Dear Ms. Austin:

Please find enclosed the following hazardous waste site inspection forms completed by either EPA personnel or by EPA contractors (Ecology & Environment, Inc.).

Should you have any questions regarding this matter, please contact me at 214/767-3274.

Sincerely,

ORIGINAL SIGNED BY

Gerald Fontenot, Chief
Hazardous Materials Enforcement Section, 6E-GH

Enclosure

cc: Stan Jorgensen, 6AH-AS

6E-GH:Fontenot:hn:11-17-81

Hazzit File: LA00469
LA01317 ✓
LA02135
LA02143
LA02194
LA02241

SUPERFUND
FILE

APR 30 1992
SUPERFUND
FILE

REC

APR 30 1992

REORGANIZED

Lad 058 47419
Delta Shipyard

9418106



MEMORANDUM TO FILE

EPA ID NUMBER: LA2058 475419

SITE NAME: Delta Shipyard

FILE REOPENED TO CONDUCT SITE INSPECTION PRIORITIZE ON
2/15/91.

John Neuman
NAME

3-23-91
DATE

**SUPERFUND
FILE**

APR 30 1992

REORGANIZED



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

3012 *lite*
REGION VI SITE NUMBER (to be assigned by HQ) LA 01317

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME Delta Shipyard		B. STREET (or other identifier) 202 Industrial Boulevard	
C. CITY Houma	D. STATE LA	E. ZIP CODE 70361	F. COUNTY NAME Terrebonne
G. SITE OPERATOR INFORMATION 1. NAME Ralph Arceneaux, President Delta Shipyard		2. TELEPHONE NUMBER (504) 868-7450	
3. STREET P.O. Box 101	4. CITY Houma	5. STATE LA	6. ZIP CODE 70361
H. REALTY OWNER INFORMATION (if different from operator of site) 1. NAME Delta Services Industries		2. TELEPHONE NUMBER (504) 868-7450	
3. CITY Houma (P.O. Box 101)	4. STATE LA	5. ZIP CODE 70361	
I. SITE DESCRIPTION see attachment			
J. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE			

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE		
C. PREPARER INFORMATION 1. NAME Thomas Myers			
2. TELEPHONE NUMBER (201) 560-1650		3. DATE (mo., day, & yr.) 9/12/84	

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION 1. NAME Thomas Myers			2. TITLE Geologist
3. ORGANIZATION The Earth Technology Corporation		4. TELEPHONE NO. (area code & no.) (201) 560-1650	
B. INSPECTION PARTICIPANTS			
1. NAME	2. ORGANIZATION		3. TELEPHONE NO.
None			
C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)			
1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS	
Ralph Arceneaux	President (504) 868-7450	P.O. Box 101, Houma, LA 70361	
		SUPERFUND FILE	
		APR 30 1992	
		REORGANIZED	
		LAD 058 475 419	

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (sources of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Delta Shipyard	(504) 868-7450	P.O. Box 101, Houma, LA 70361	oily waste-recovered and sold to recyclers

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
None			

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
None		

G. DATE OF INSPECTION

(mo., day, & yr.)

9/12/84

H. TIME OF INSPECTION

1:30-4:00

I. ACCESS GAINED BY: (credentials must be shown in all cases)

☒ 1. PERMISSION☐ 2. WARRANT

J. WEATHER (describe)

sunny, high in the 90's

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)	None	see attachment	

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
None		

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

☒ a. GROUND ☐ b. AERIAL

2. PHOTOS IN CUSTODY OF:

see attachment

D. SITE MAPPED?

☒ YES. SPECIFY LOCATION OF MAPS: see attachment

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

29° 34' 02" N

2. LONGITUDE (deg.-min.-sec.)

90° 42' 18" W

V. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)☒ 2. INACTIVE (Those sites which no longer receive wastes.)

2 closed oil pits

☐ 3. OTHER(specify):
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☐ 1. NO ☒ 2. YES(specify generator's four-digit SIC Code): None

C. AREA OF SITE (in acres)

36

D. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES(specify): Office and administration building

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

<input checked="" type="checkbox"/> A. TRANSPORTER	<input type="checkbox"/> B. STORER	<input checked="" type="checkbox"/> C. TREATER	<input checked="" type="checkbox"/> D. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	<input checked="" type="checkbox"/> 4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM./PHYS./TREATMENT	5. MIDNIGHT DUMPING
6. OTHER(specify):	6. OTHER(specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER(specify):
		9. OTHER(specify):	(closed under LA DEQ supervision)

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

☐ 1. STORAGE ☐ 2. INCINERATION ☐ 3. LANDFILL ☒ 4. SURFACE IMPOUNDMENT ☐ 5. DEEP WELL

☐ 6. CHEM/BIO/PHYS TREATMENT ☐ 7. LANDFARM ☐ 8. OPEN DUMP ☐ 9. TRANSPORTER ☐ 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

☒ 1. LIQUID ☐ 2. SOLID ☐ 3. SLUDGE ☐ 4. GAS

B. WASTE CHARACTERISTICS

☐ 1. CORROSIVE ☐ 2. IGNITABLE ☐ 3. RADIOACTIVE ☐ 4. HIGHLY VOLATILE

☒ 5. TOXIC ☐ 6. REACTIVE ☐ 7. INERT ☒ 8. FLAMMABLE

☐ 9. OTHER(specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Yes, manifests.

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE		b. OIL		c. SOLVENTS		d. CHEMICALS		e. SOLIDS		f. OTHER	
AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT	
None		125		None		None		None		None	
UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE	
		bbl /month									
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY, PHARMACEUT.						
(2) METALS SLUDGES	X (2) OTHER(specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL						
(3) POTW	Leaded tank bottoms NOTE: all waste oil is sold to reclaimers	(3) OTHER(specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE						
(4) ALUMINUM SLUDGE		(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL							
(5) OTHER(specify):		(5) DYES/INKS	(5) NON-FERROUS SMELTING WASTES	(5) OTHER(specify):							
		(6) CYANIDE									
		(7) PHENOLS									
		(8) HALOGENS									
		(9) PCB									
		(10) METALS									
		(11) OTHER(specify):									

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Leaded tank bottoms	X	X		X				68476-53-9	62.5	bbl/mo
Slop oil		X			X			68477-26-9	62.5	bbl/mo

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE☐ C. WORKER INJURY/EXPOSURE☐ D. CONTAMINATION OF WATER SUPPLY☐ E. CONTAMINATION OF FOOD CHAIN☐ F. CONTAMINATION OF GROUND WATER☐ G. CONTAMINATION OF SURFACE WATER

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA☐ I. FISH KILL☐ J. CONTAMINATION OF AIR☐ K. NOTICEABLE ODORS☐ L. CONTAMINATION OF SOIL☐ M. PROPERTY DAMAGE

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID☐ P. SEWER, STORM DRAIN PROBLEMS☐ Q. EROSION PROBLEMS☐ R. INADEQUATE SECURITY☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

☐ U. OTHER (specify):

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	1,000	1,000	300	1 mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	2,500	2,500	25	1 mile
3. IN PUBLICLY TRAVELLED AREAS	0	0	0	1 mile
4. PUBLIC USE AREAS (parks, schools, etc.)	0	0	0	1 mile

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit) 2 feet	B. DIRECTION OF FLOW South	C. GROUNDWATER USE IN VICINITY None
D. POTENTIAL YIELD OF AQUIFER Unknown	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure) 0.5 miles	F. DIRECTION TO DRINKING WATER SUPPLY West
G. TYPE OF DRINKING WATER SUPPLY		
<input type="checkbox"/> 1. NON-COMMUNITY < 15 CONNECTIONS <input checked="" type="checkbox"/> 2. COMMUNITY (specify town): Houma Water Dept. - Bayou Black > 15 CONNECTIONS		
<input checked="" type="checkbox"/> 3. SURFACE WATER <input type="checkbox"/> 4. WELL		

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COM- MUNITY (mark 'X')	5. COMMUN- ITY (mark 'X')
None				

I. RECEIVING WATER

1. NAME

Houma Navigation Canal

☐ 2. SEWERS☒ 3. STREAMS/RIVERS☐ 4. LAKES/RESERVOIRS☐ 5. OTHER(specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Secondary contact recreation and propagation of fish and wildlife.

XI. SOIL AND VEGETATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE☐ B. KARST ZONE☒ C. 100 YEAR FLOOD PLAIN☐ D. WETLAND☐ E. A REGULATED FLOODWAY☐ F. CRITICAL HABITAT☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. COVERED BURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X					
	1. SAND				
X	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN☐ B. VERY HIGH (100,000 to 1000 cm/sec.)☐ C. HIGH (1000 to 10 cm/sec.)☐ D. MODERATE (10 to .1 cm/sec.)☐ E. LOW (.1 to .001 cm/sec.)☒ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES☒ 2. NO

3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES☒ 2. NO

3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE

0%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

South

J. OTHER GEOLOGICAL DATA

Fresh water may be contained in buried distributary channels along Bayou Lafourche but any development of these reservoirs would be very limited due to salt water encroachment. Pleistocene terrace deposits beneath these Holocene deltaic sequences are connected to surface waters and any contamination of these aquifers could reach surface reservoirs.

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UN- KNOWN
State	HWMP	GD 343I1	10/22/80	Interim	X		
RCRA	EPA	LAD 058473413	Unknown	None	X		

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS
☒ NONE ☐ YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

LA 01317

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-3.

Corresponding
number on form

Additional Remark and/or Explanation

I., I.

This facility cleans and repairs oil barges. Two oil/water separator pits were utilized to recover the waste oil generated from the barge cleaning operations. Earlier this year the pits were drained and the bottom sludge was sampled. The test results from this sampling were reviewed by the LA DEQ Hazardous Waste Division, and closure of the pits by backfilling was approved. The oil sludge remaining in the pits was mixed with 30 cubic yards of sandy soil. An above ground steel tank separator has replaced the pits.

IV., A., i.

Since closure of the pits was approved by the State Hazardous Waste Division, no samples will be collected.

ATTACHMENT B
REJECTION FORMHAZSIT #SITE NAMEFORM # and
DATE COMPLETED by STATE

LA 1317

Delta Shipyard

2070-3 / 9/12/84

EXPLANATION FOR REJECTION:
(DEFICIENCIES)

* Report does not reflect the existence of the two monitoring wells other than a site map.

- If well samples were taken during the time of the State-approved closure, provide this data and any other data pertinent to site closure. © Review state files.

* VICINITY MAP EXHIBIT "B" is very poor in quality.
SUGGESTED REMEDY FOR DEFICIENCIES:

(As NOTED.)

Provide a superior reproduction or a different map of sufficient quality.
(must be able to read elevations)

© Contact U.S.G.S. or L.G.S. for assistance.

SIGNATURE:

Gay W. HenryDATE: 10 DEC 84

NAME OF REVIEWER

SURFACE IMPONDMENTS SITE INSPECTION REPORT
(Supplemental Report) LA 01317

INSTRUCTION
Answer and Explain
as Necessary.

1. TYPE OF IMPOUNDMENT

Two secondary oil/water separator pits.

2. STABILITY/CONDITION OF EMBANKMENTS

The pits have been backfilled and closed.

3. EVIDENCE OF SITE INSTABILITY (Erosion, Settling, Sink Holes, etc.)

☐ YES ☒ NO

4. EVIDENCE OF DISPOSAL OF IGNITABLE OR REACTIVE WASTE

☐ YES ☒ NO

5. ONLY COMPATIBLE WASTES ARE STORED OR DISPOSED OF IN THE IMPOUNDMENT

☒ YES ☐ NO

6. RECORDS CHECKED FOR CONTENTS AND LOCATION OF EACH SURFACE IMPOUNDMENT

☒ YES ☐ NO

7. IMPOUNDMENT HAS LINER SYSTEM

☒ YES ☐ NO located in clay soil

7a. INTEGRITY OF LINER SYSTEM CHECKED

☐ YES ☒ NO

7b. FINDINGS

Subsurface soils have a permeability of 10^{-7} to 10^{-8} cm/sec.

8. SOIL STRUCTURE AND SUBSTRUCTURE

Silty clay with traces of sand extend to a depth of 40-50 feet.

9. MONITORING WELLS

☒ YES ☐ NO 2 wells

10. LENGTH, WIDTH, AND DEPTH

LENGTH 75' (each) WIDTH 40' (each) DEPTH 5' (each)

11. CALCULATED VOLUMETRIC CAPACITY

15,000 cubic feet

12. PERCENT OF CAPACITY REMAINING

Closed pits - N/A

13. ESTIMATE FREEBOARD

N/A

14. SOLIDS DEPOSITION

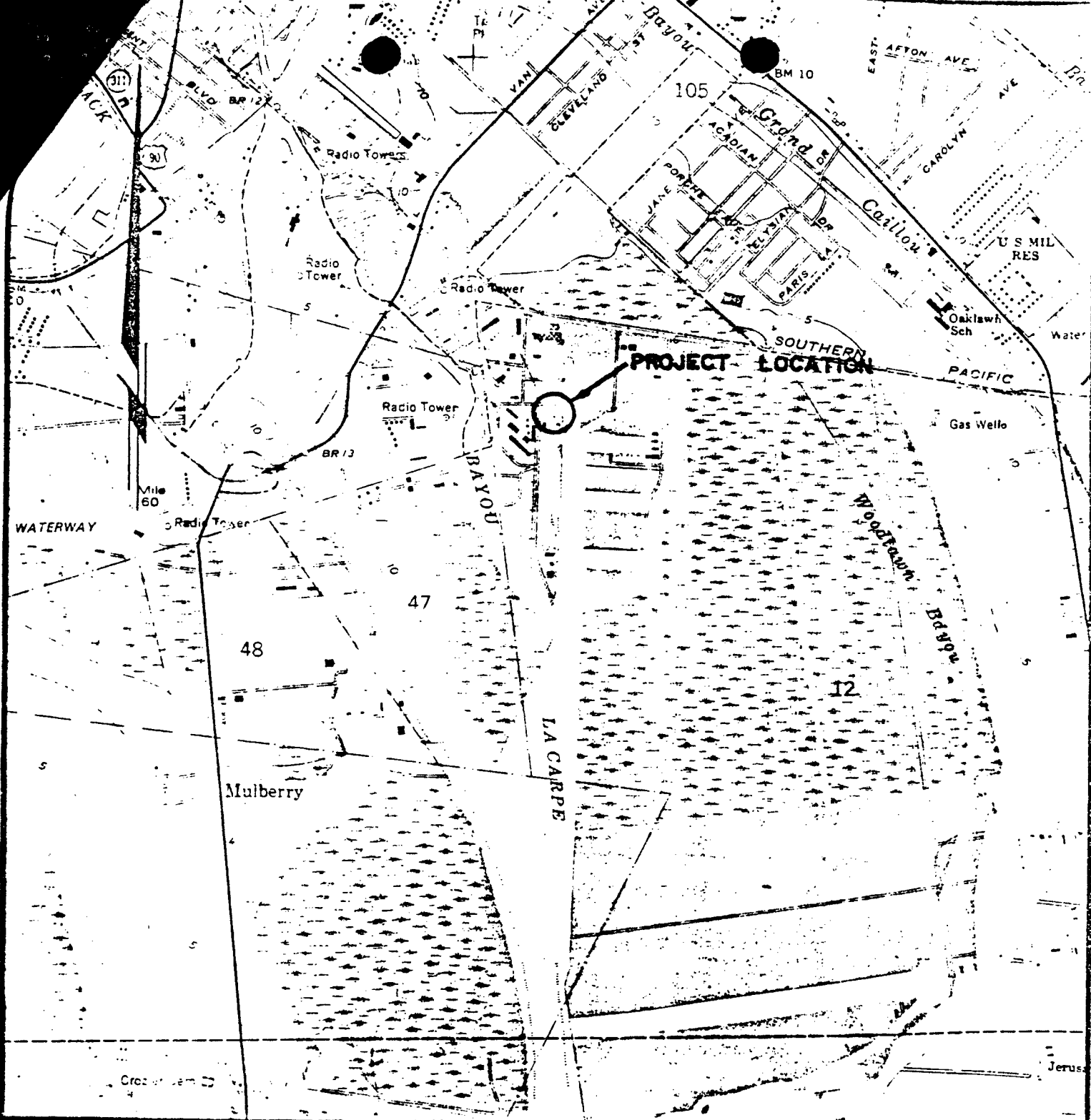
☒ YES ☐ NO Low solids deposited

15. DREDGING DISPOSAL METHOD

None

16. OTHER EQUIPMENT

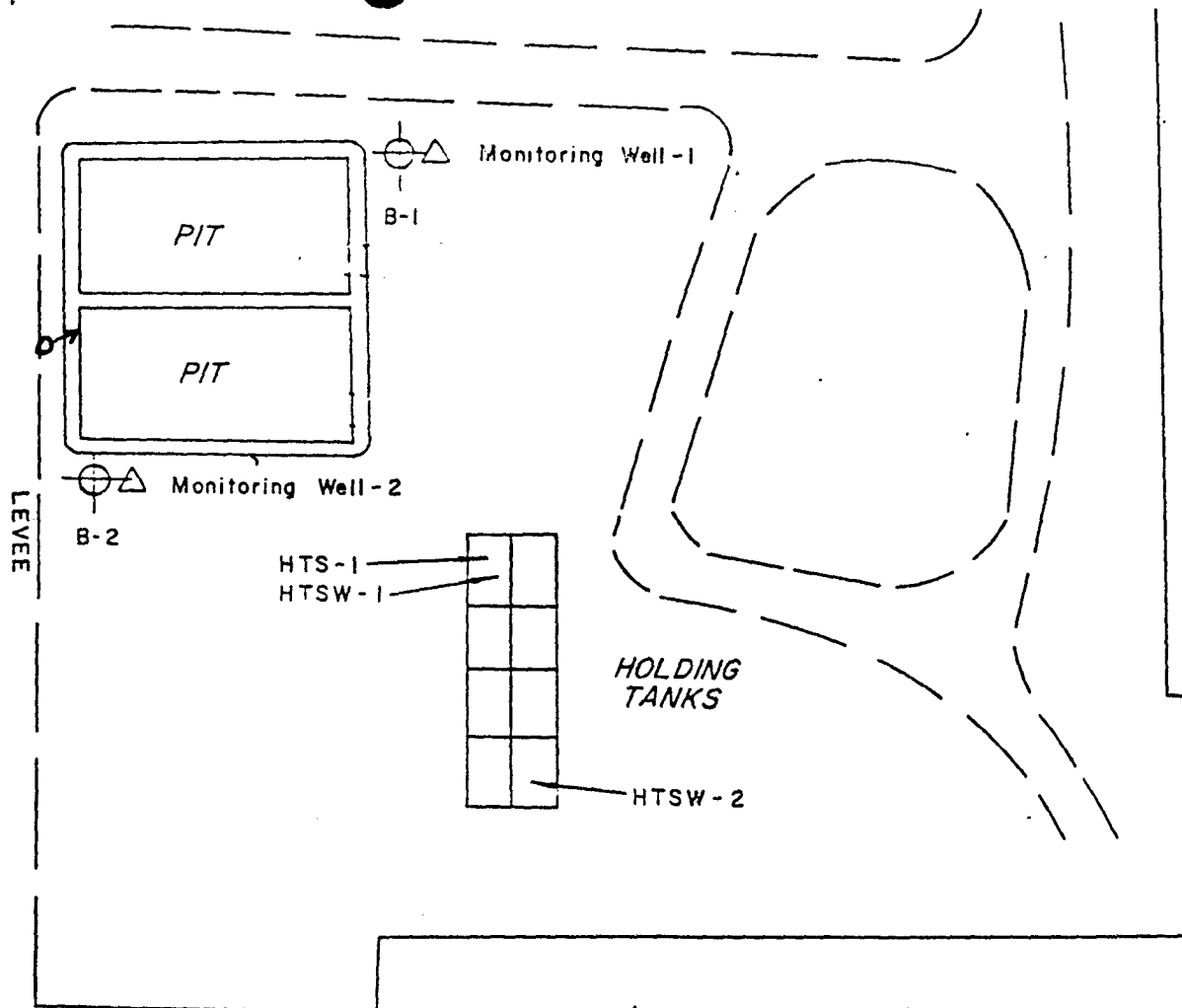
None



TAKEN FROM U.S.G.S. HOUMA, LA. QUADRANGLE MAP, 1963.



VICINITY MAP EXHIBIT "B"



Delta Shipyard LA 01317

Site Map

MONITORING WELLS

B-1 (3" by 13')

B-2 (3" by 20')

♂ *Photograph Location and direction*

Delta Shipyard

LA 01317

Photographer / Witness

Thomas Myers

Date / Time / Direction

9/12/84, 3:00pm, Northeast

Comments: closed oil/water

separator pits

Photographer / Witness

Date / Time / Direction

Comments:

Photographer / Witness

Date / Time / Direction

Comments: